

Appl. No. 10/533,484  
Preliminary Amdt. Dated June 15, 2005  
Reply to Office action of N/A

**Amendments to the Drawings:**

The attached drawing sheets, sheets 1 through 22, including Figs. 1 through 25, replace the original drawing sheets, sheets 1 through 21, Figs. 1 through 25.

Attachment: Replacement Sheet

FIG. 1

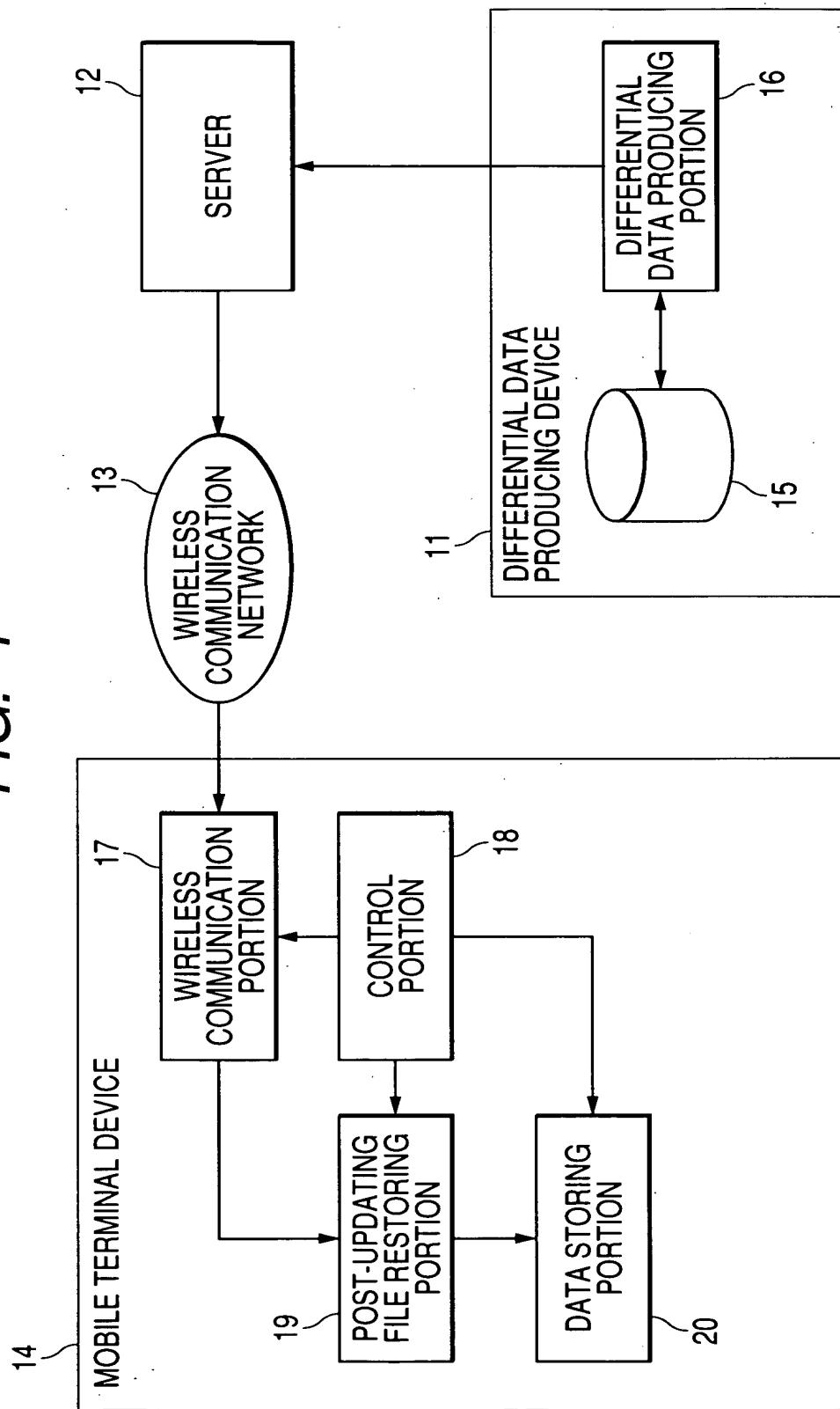
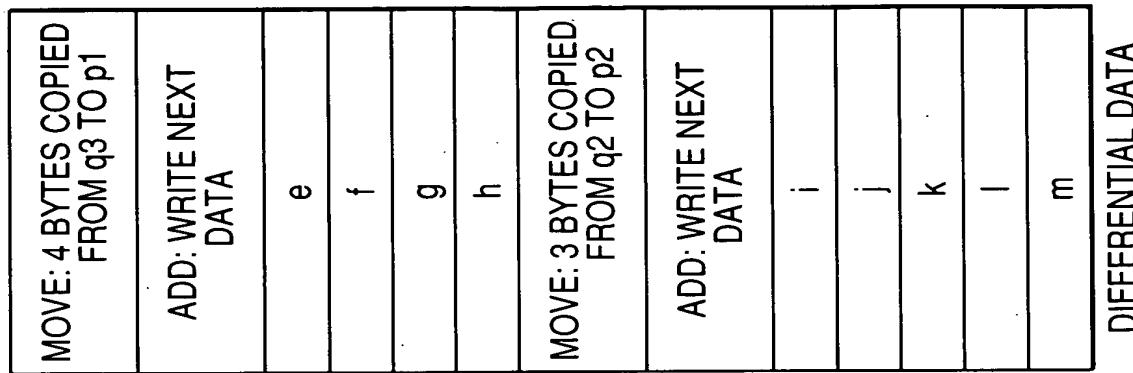


FIG. 2(C)



*FIG. 2(A)* *FIG. 2(B)*

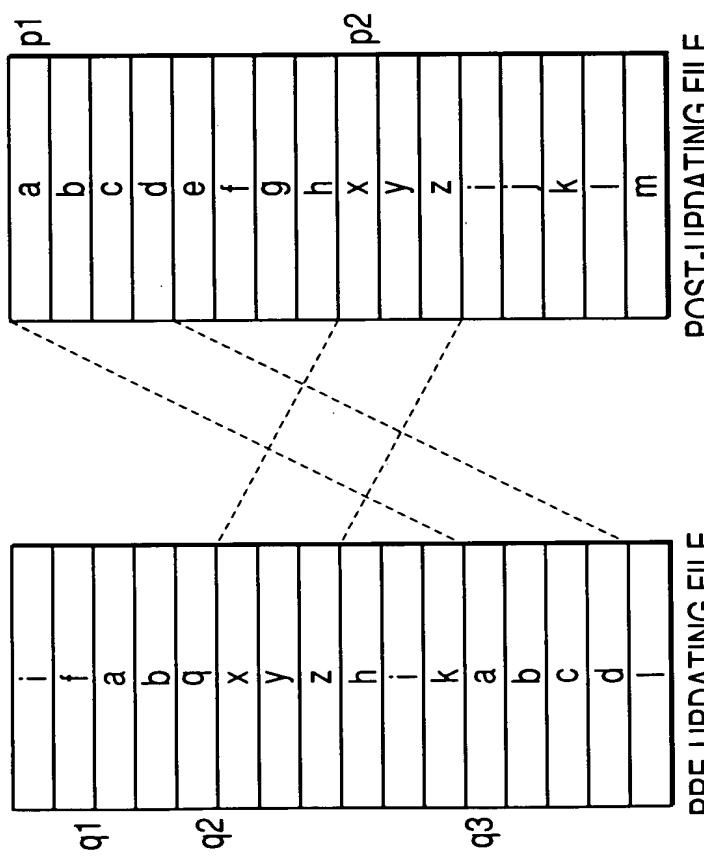
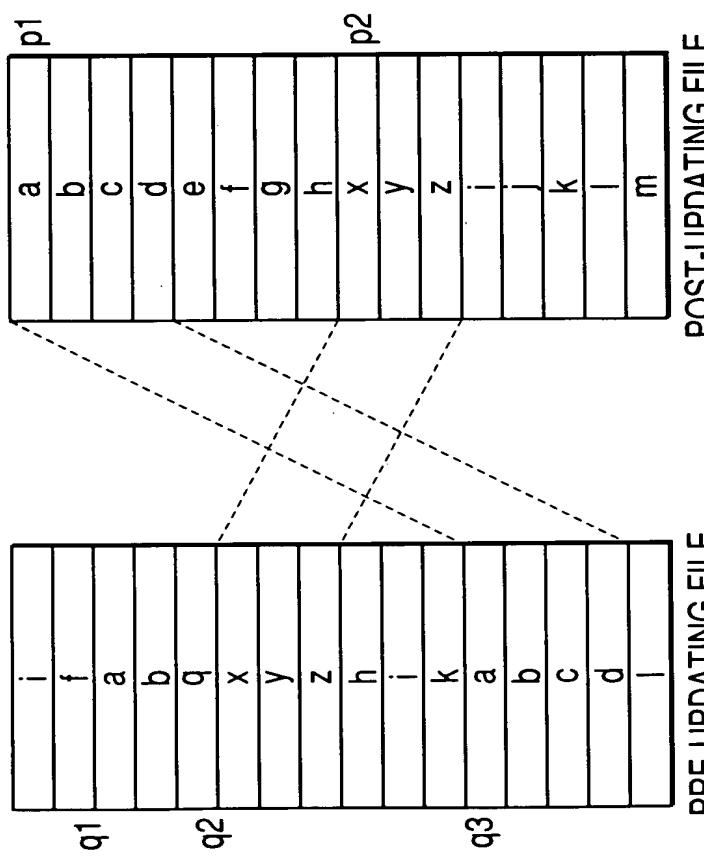


FIG. 2(B)



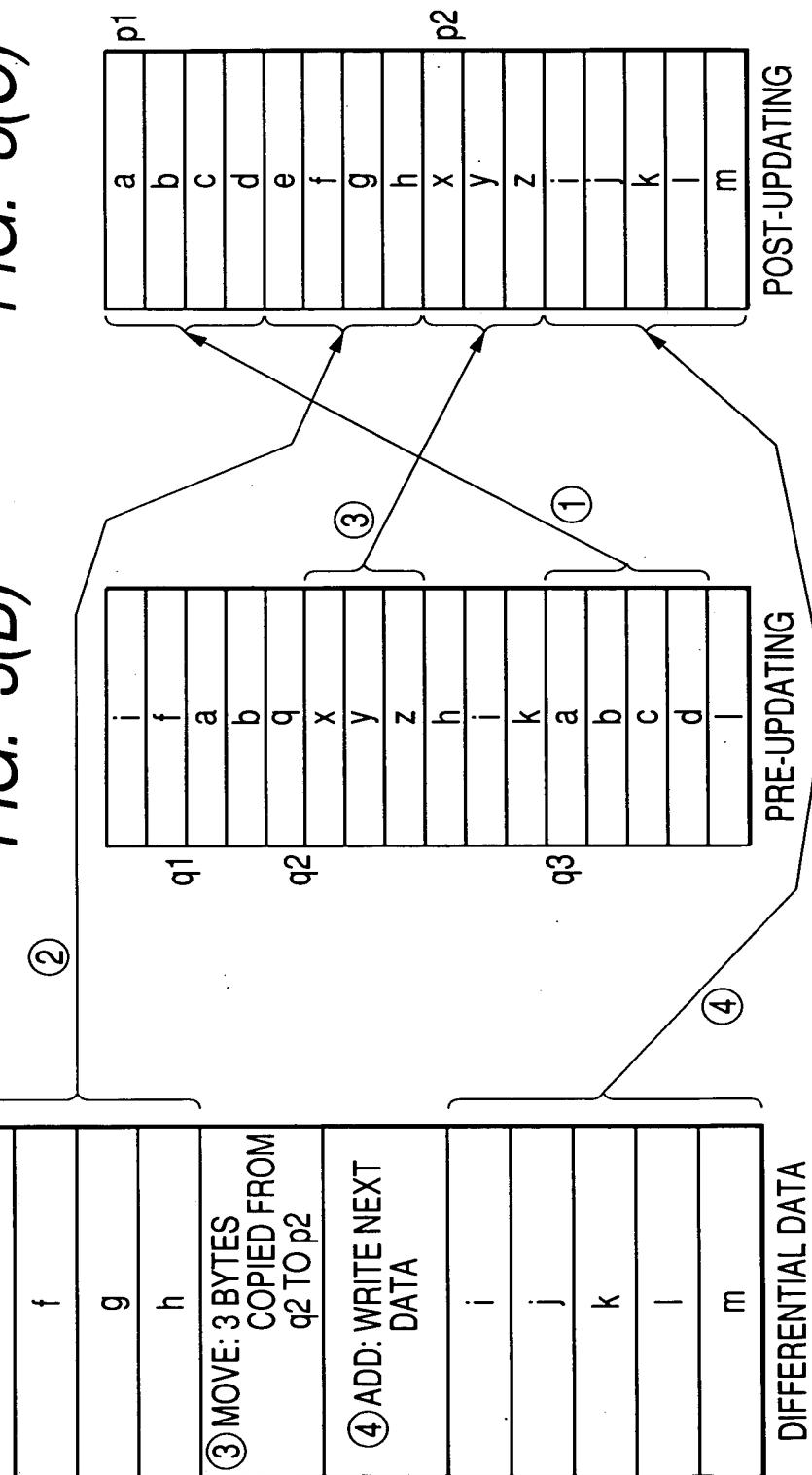
*FIG. 3(A)*

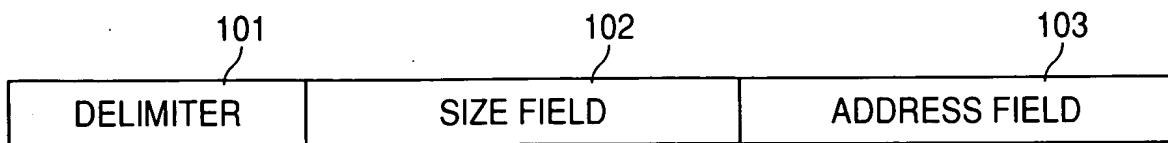
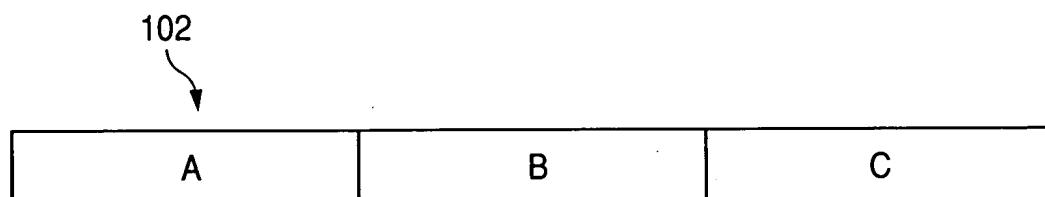
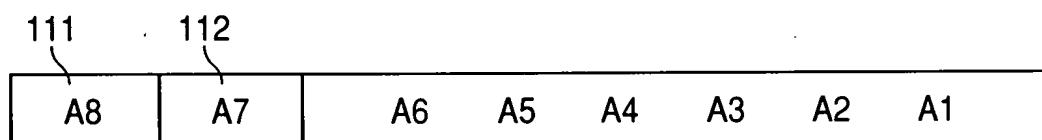
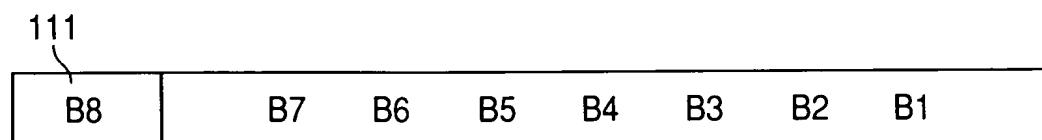
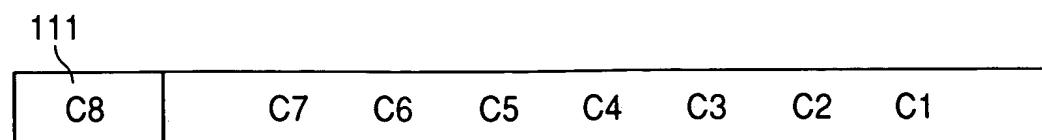
- ① MOVE: 4 BYTES COPIED FROM q3 TO p1
- ② ADD: WRITE NEXT DATA

*FIG. 3(B)*

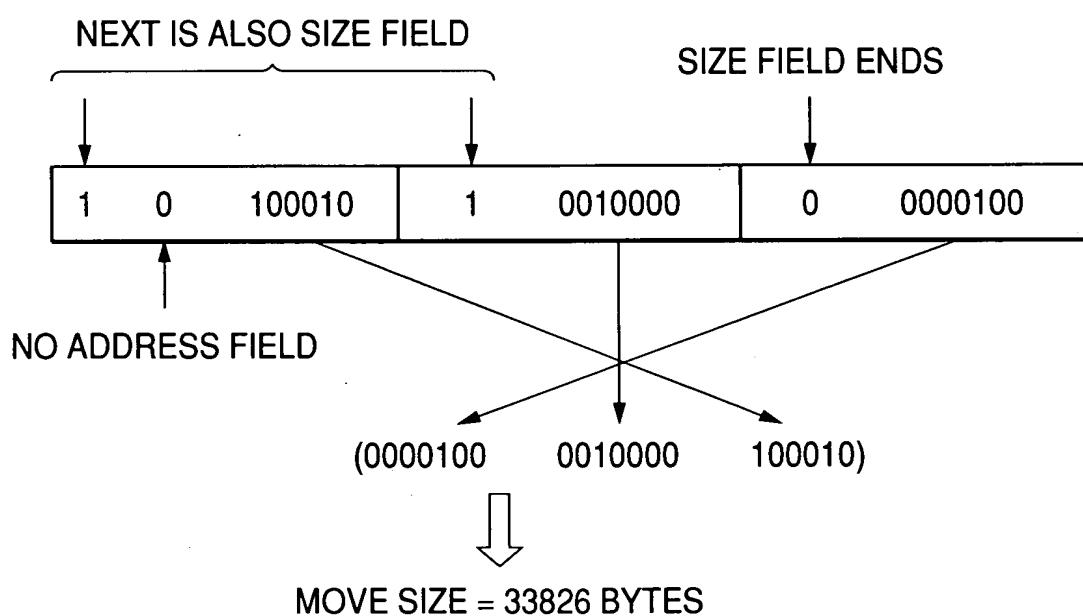
- ③ MOVE: 3 BYTES COPIED FROM q2 TO p2
- ④ ADD: WRITE NEXT DATA

*FIG. 3(C)*



**FIG. 4****FIG. 5(A)****FIG. 5(B)****FIG. 5(C)****FIG. 5(D)**

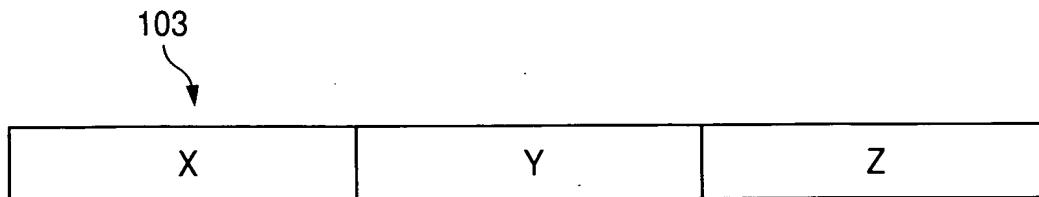
*FIG. 6*



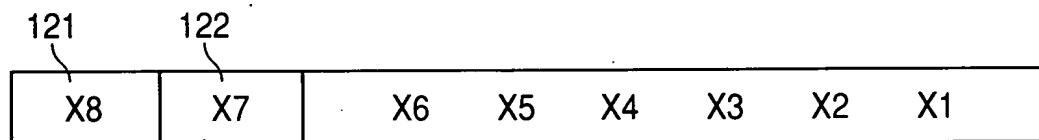
# REPLACEMENT SHEET

6 / 22

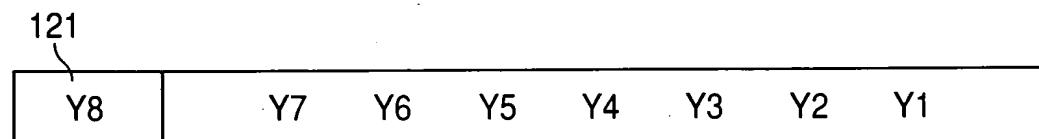
*FIG. 7(A)*



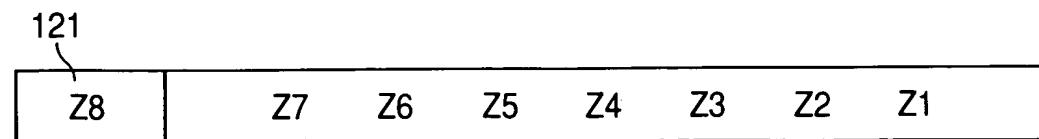
*FIG. 7(B)*



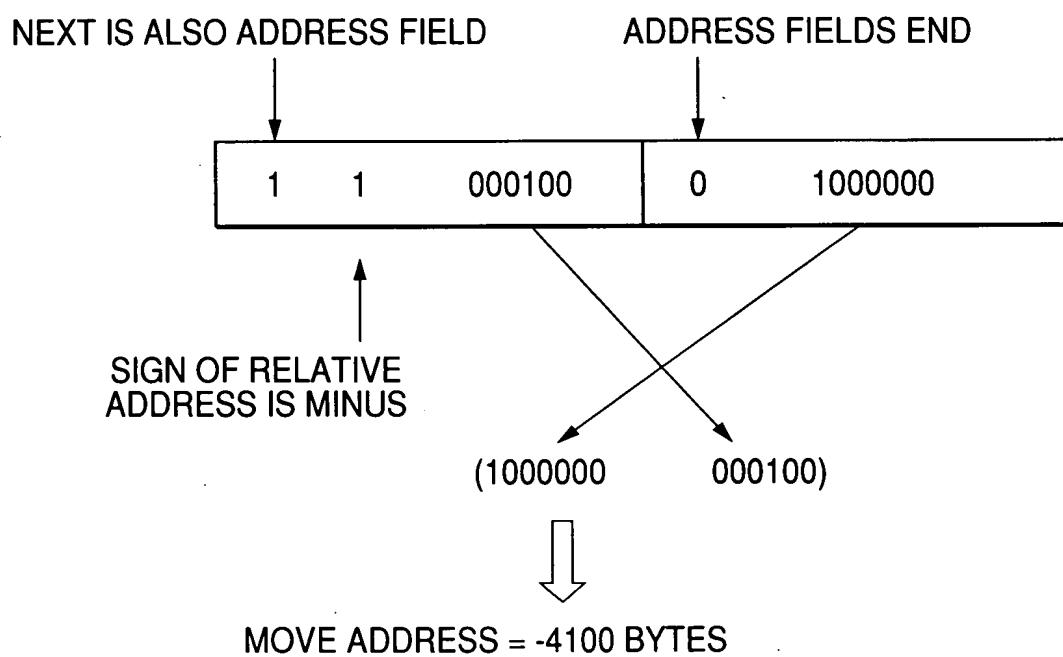
*FIG. 7(C)*



*FIG. 7(D)*



*FIG. 8*



**FIG. 9**

CHANGE IN AMOUNT OF DIFFERENTIAL DATA  
RELATIVE TO CHANGE IN THRESHOLD

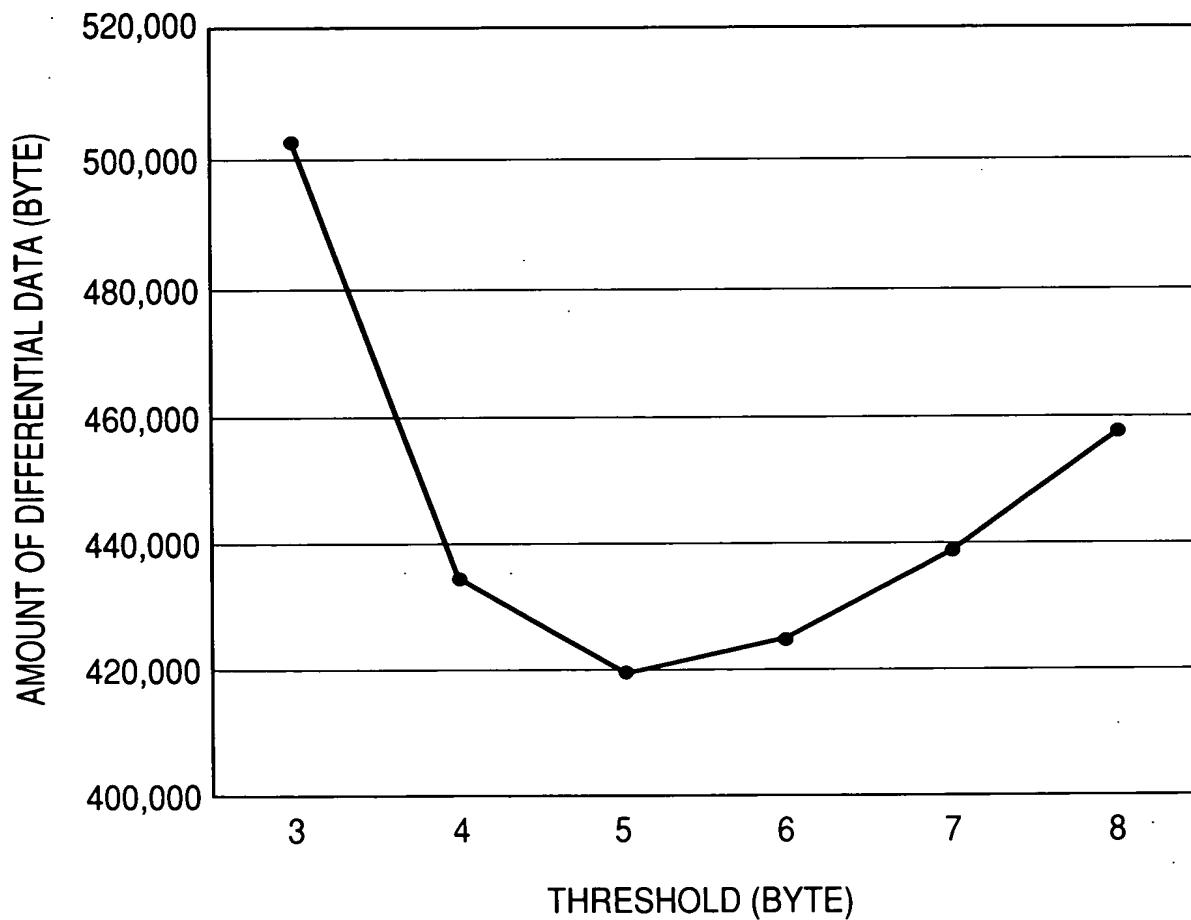


FIG. 10

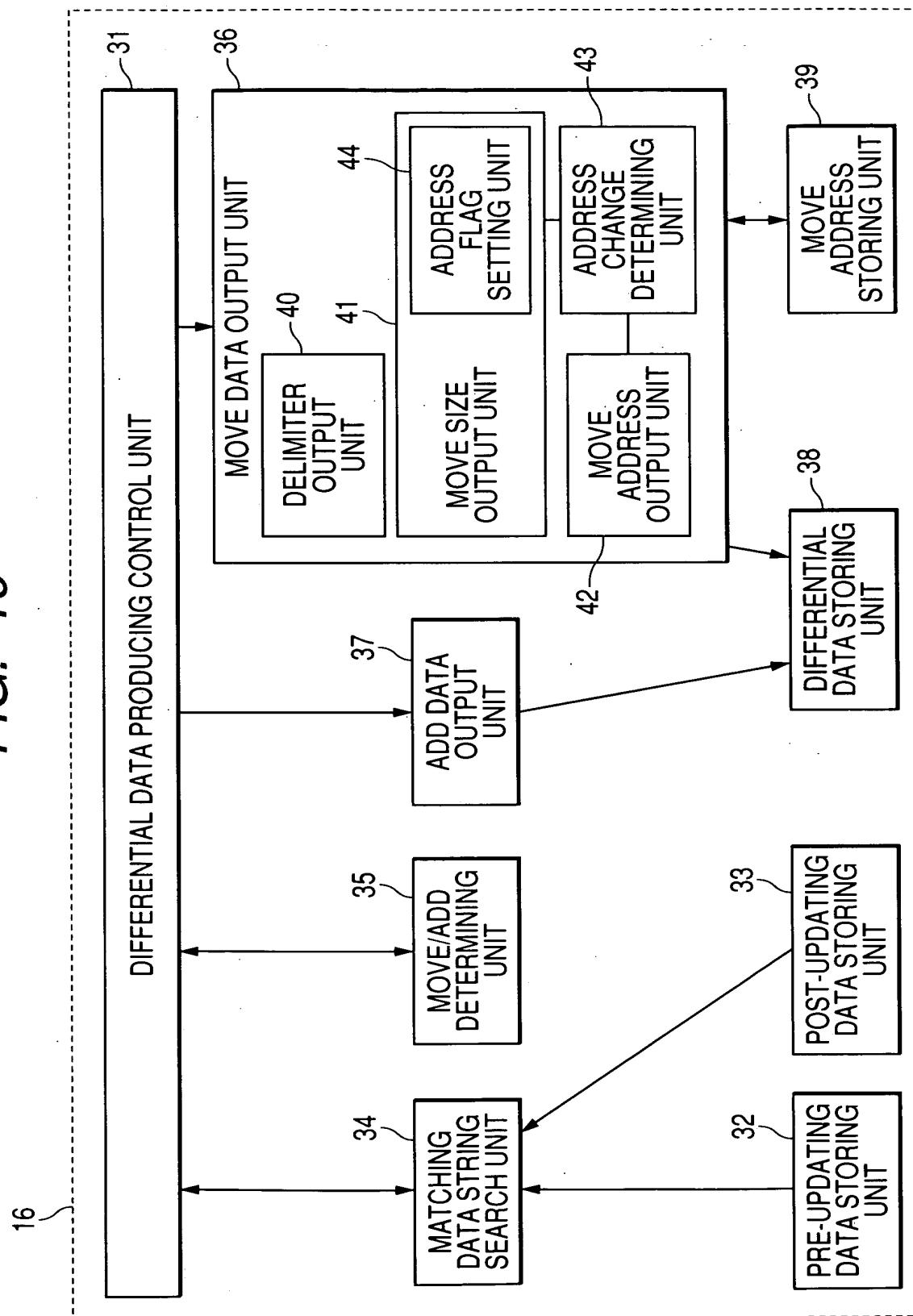


FIG. 11

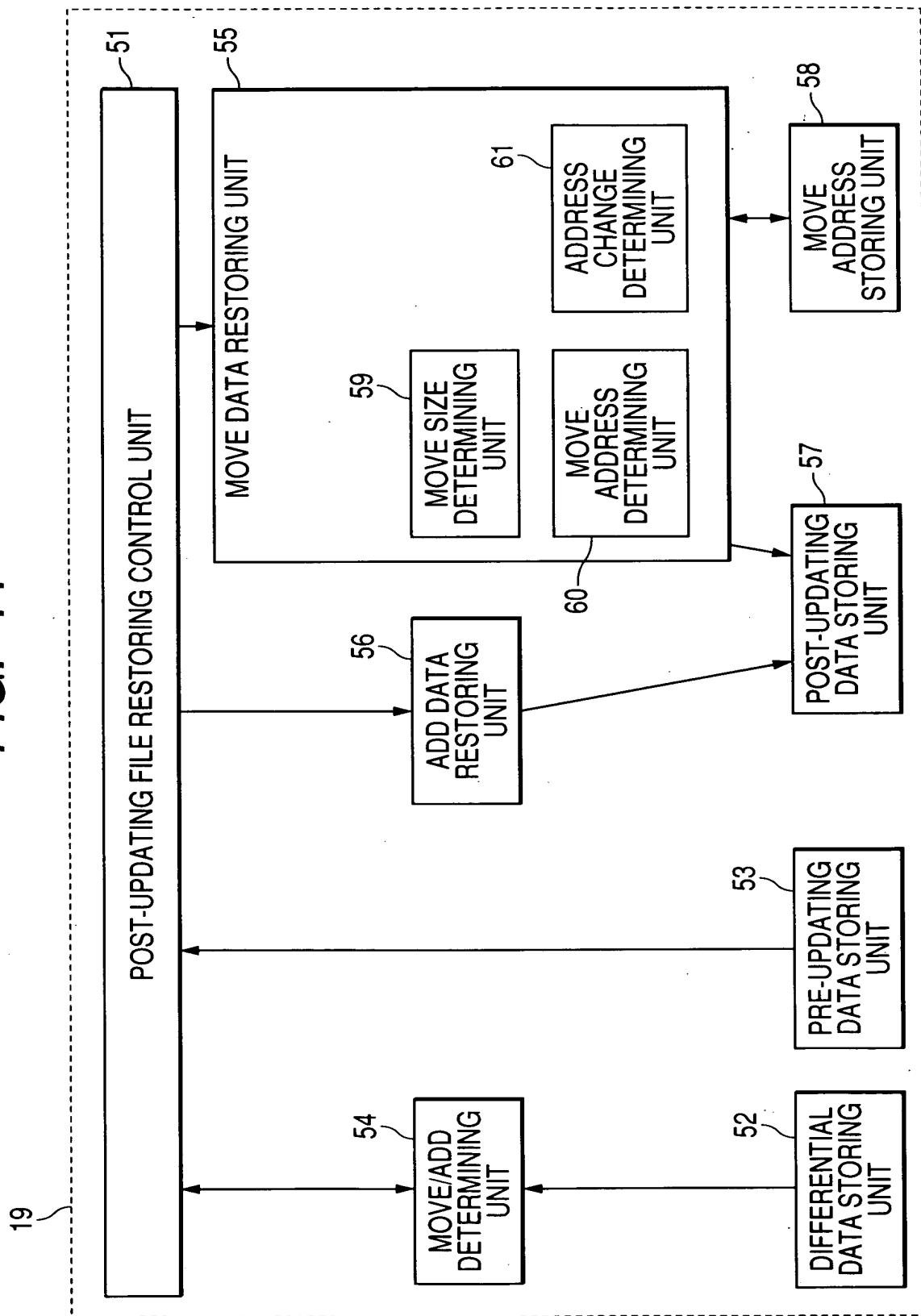


FIG. 12

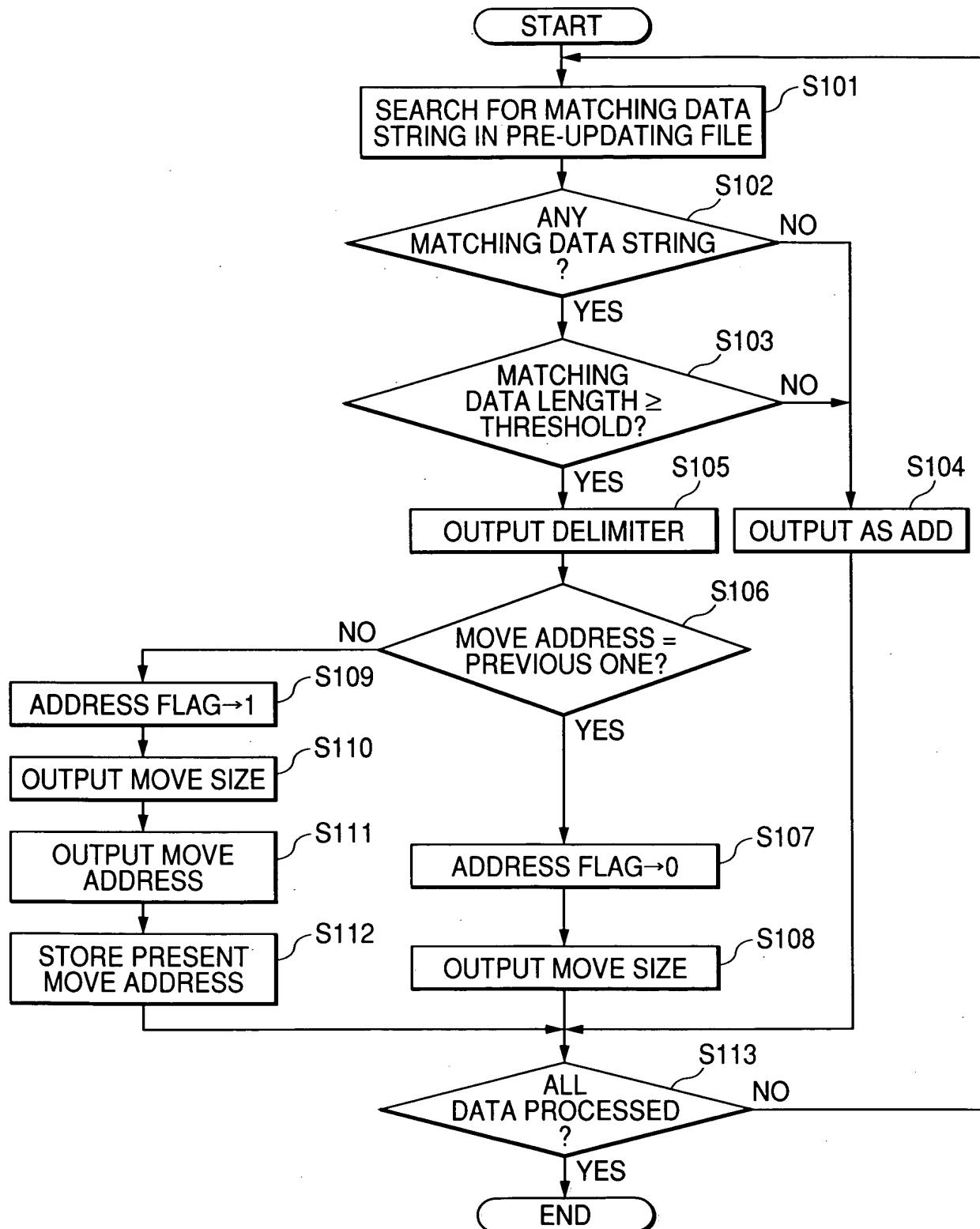


FIG. 13

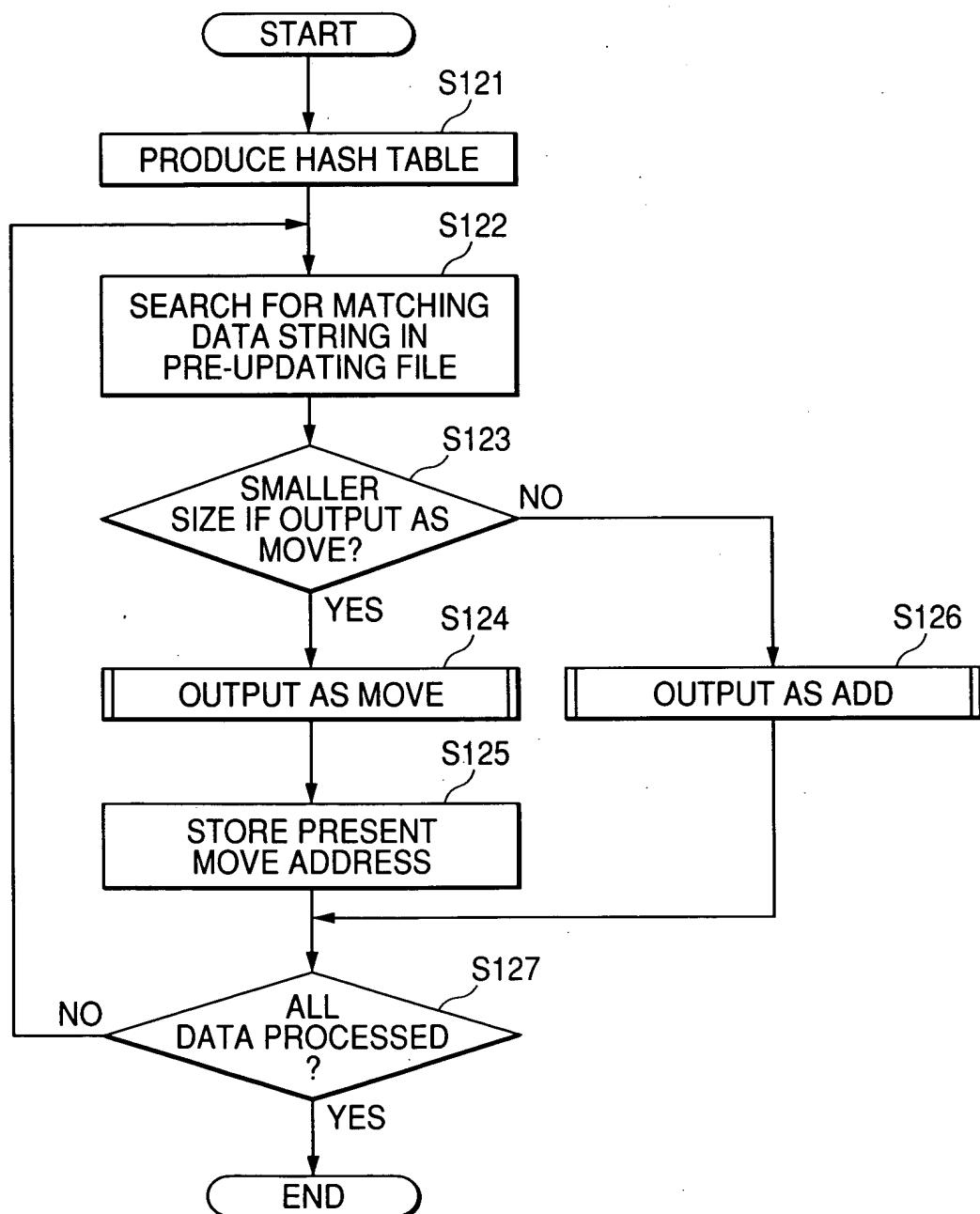


FIG. 14

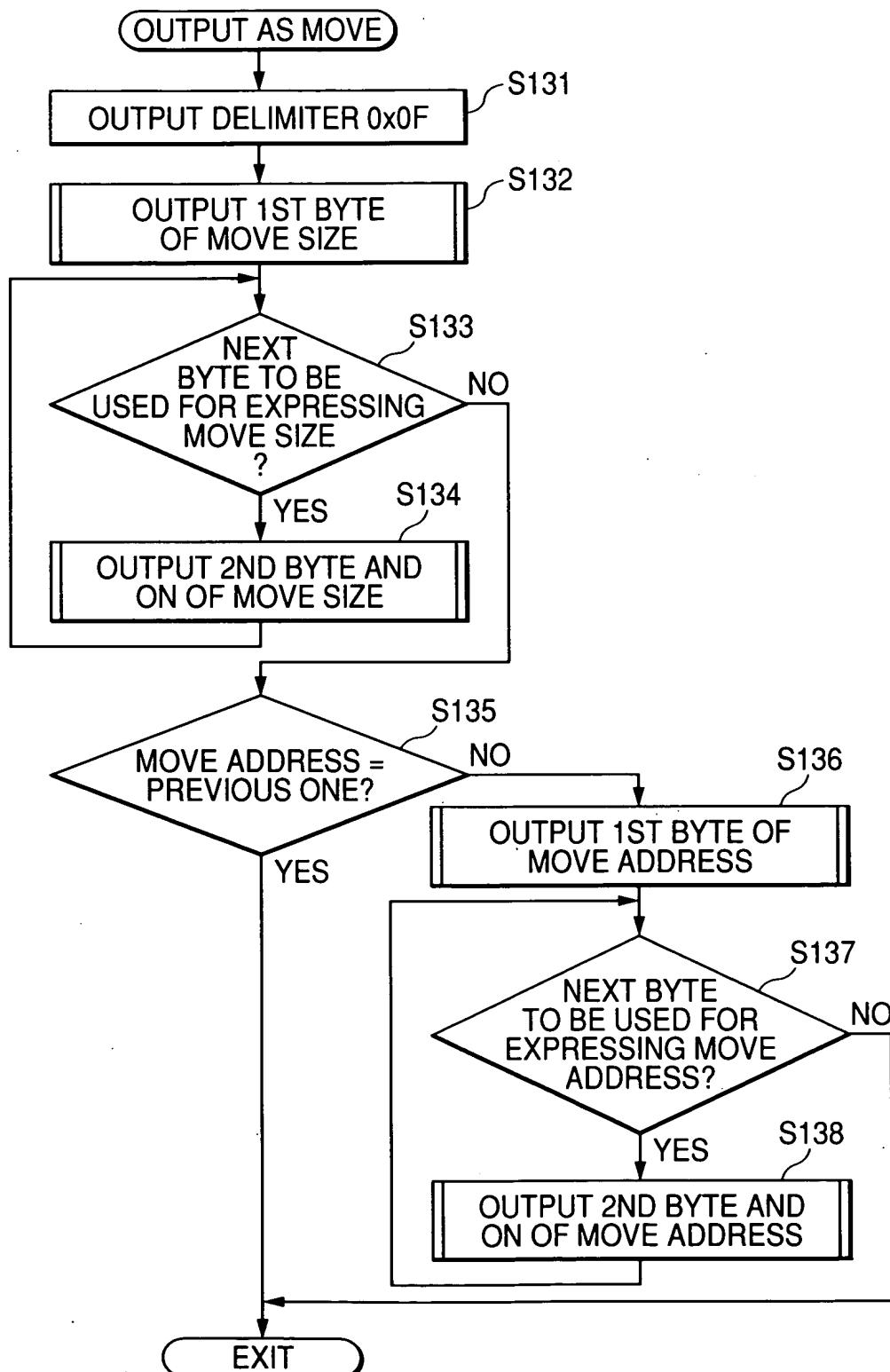
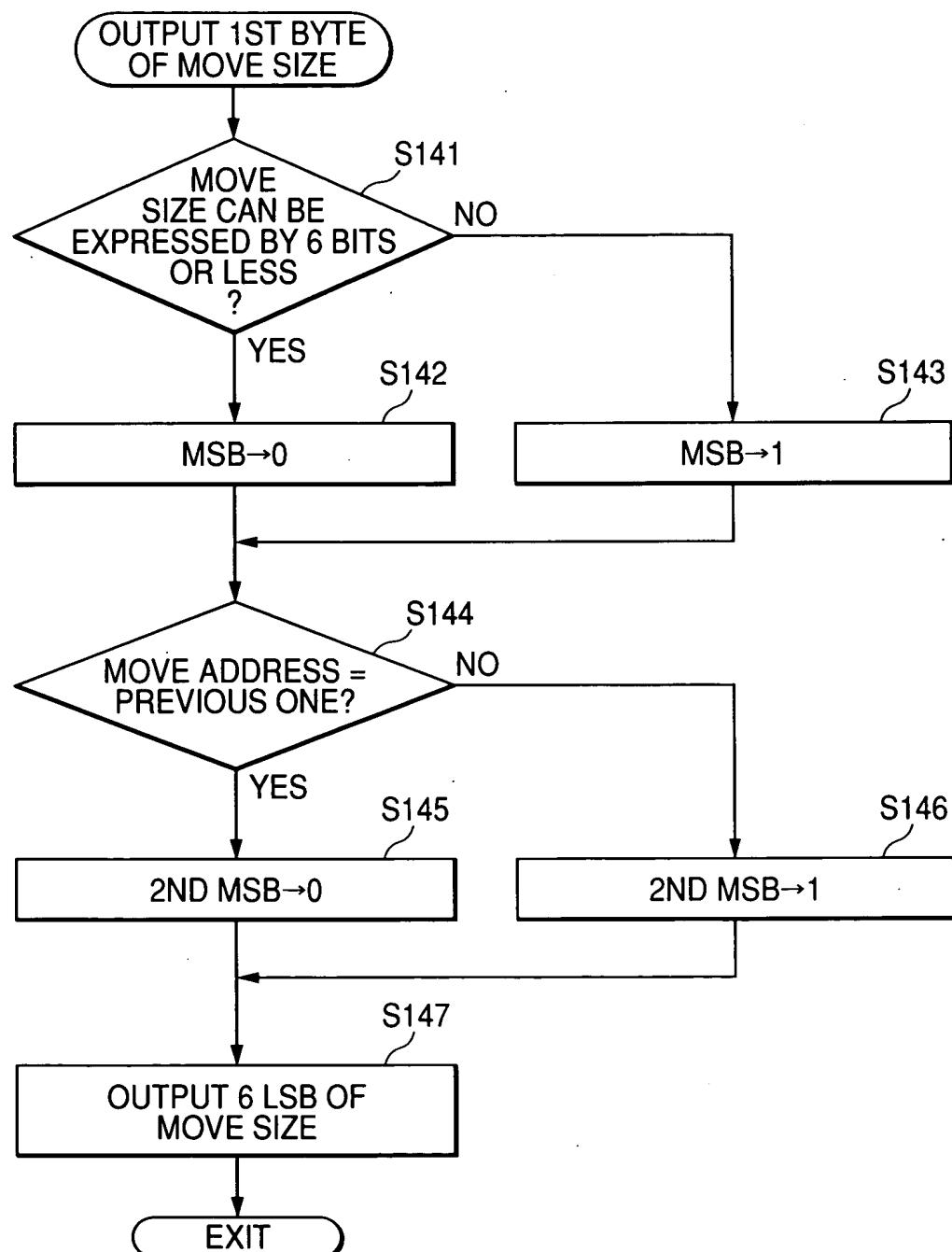
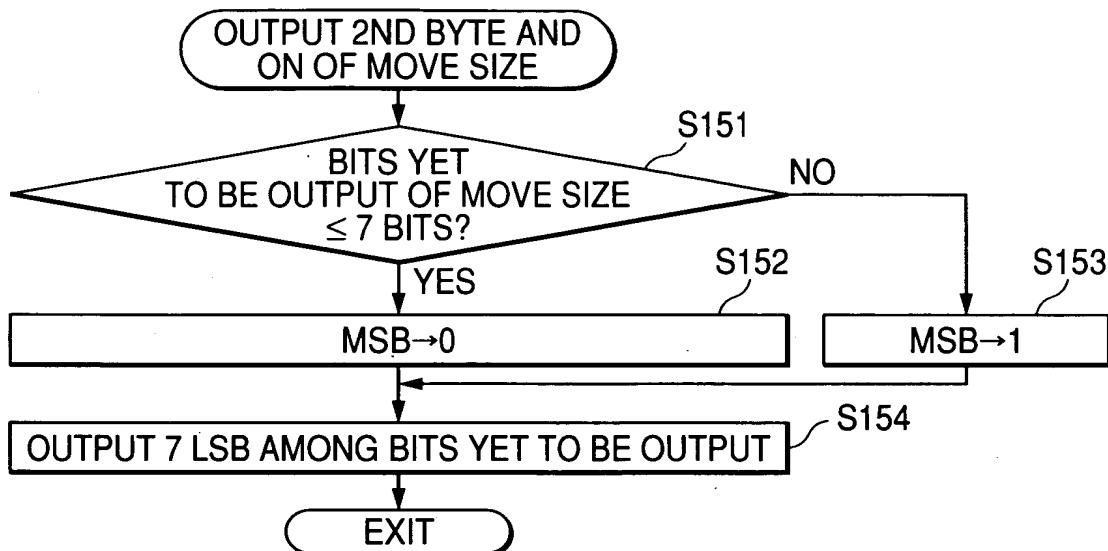


FIG. 15



**FIG. 16**



**FIG. 17**

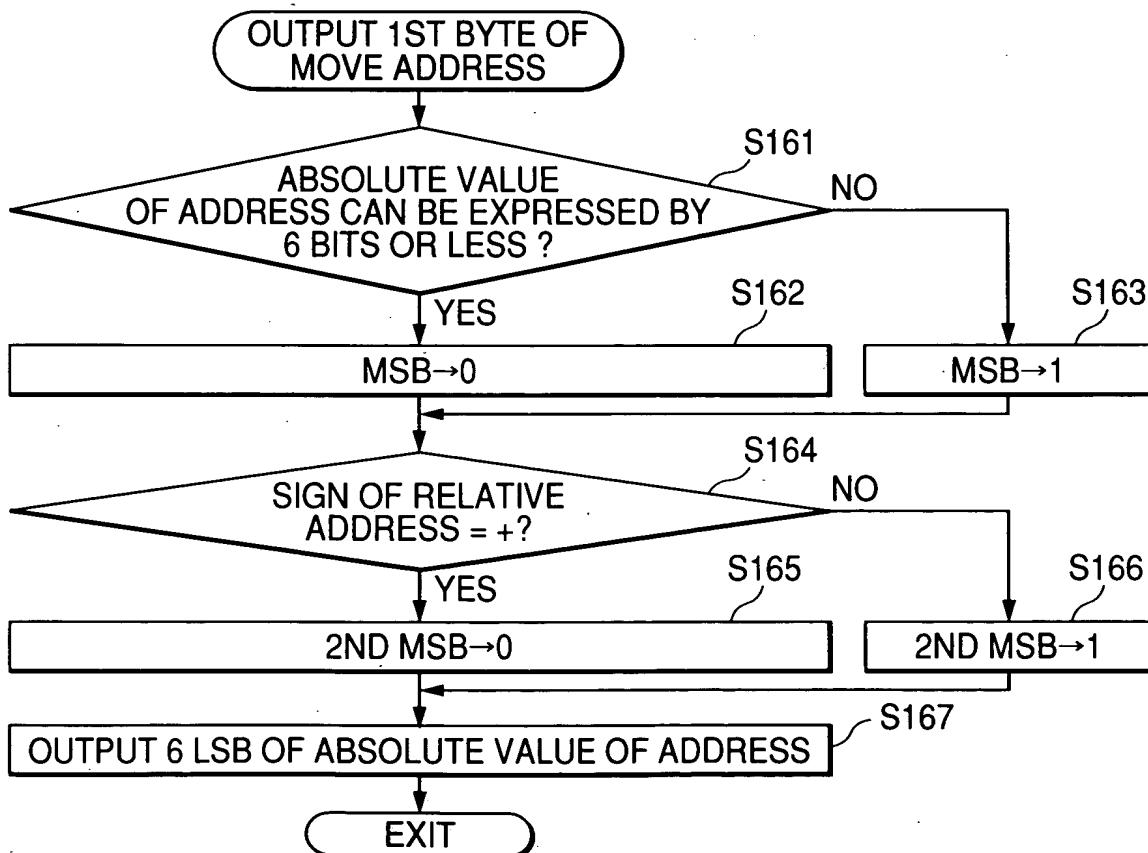


FIG. 18

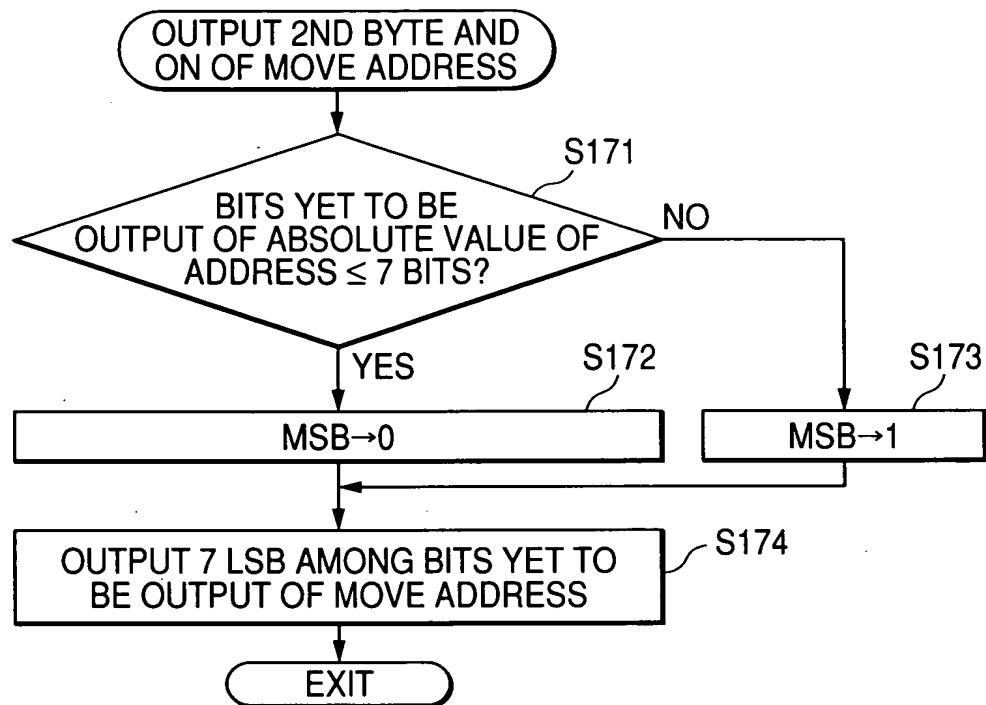


FIG. 19

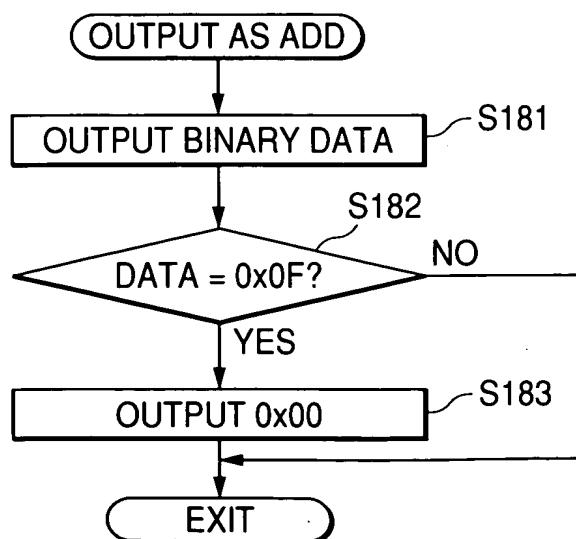


FIG. 20

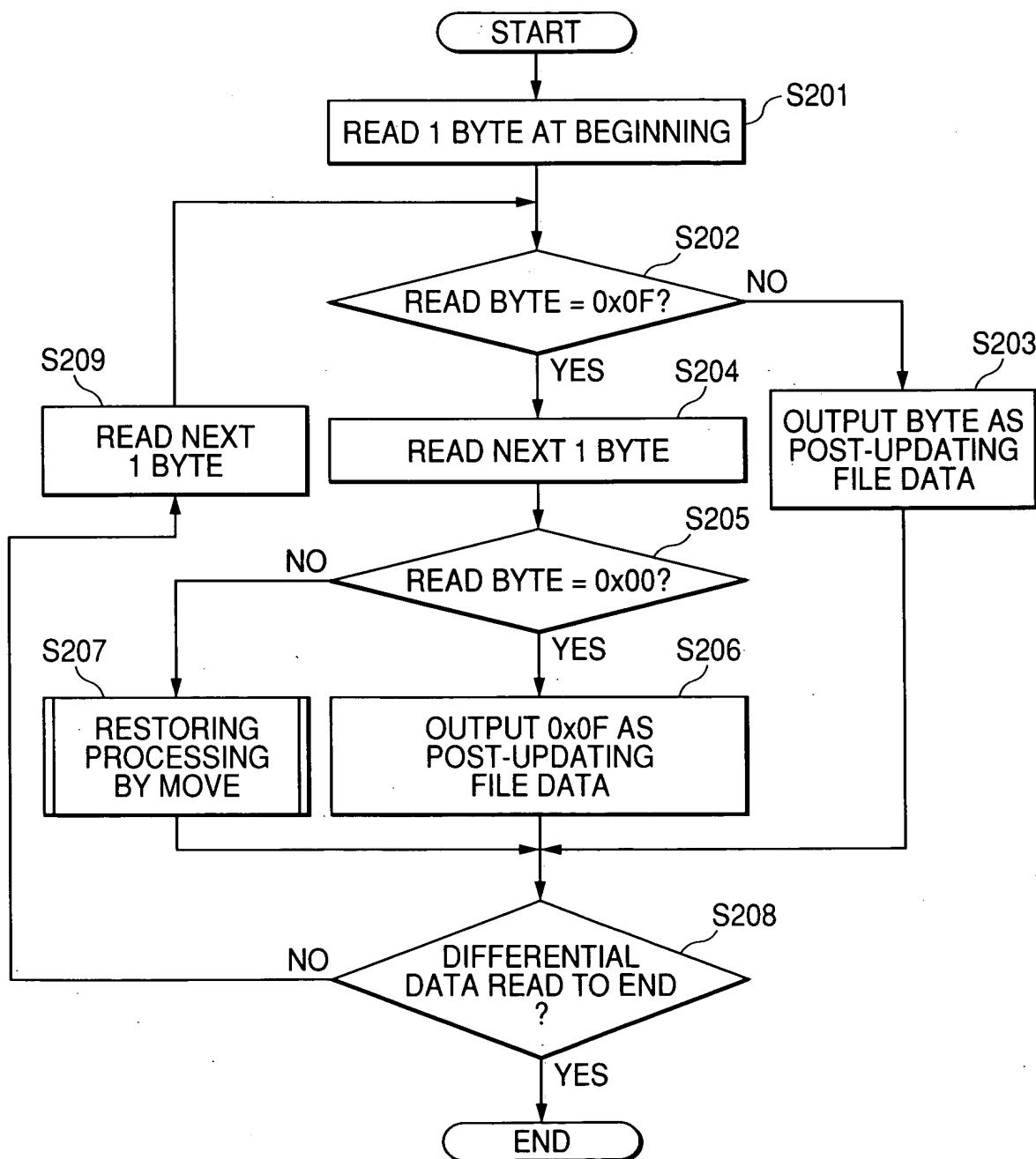


FIG. 21

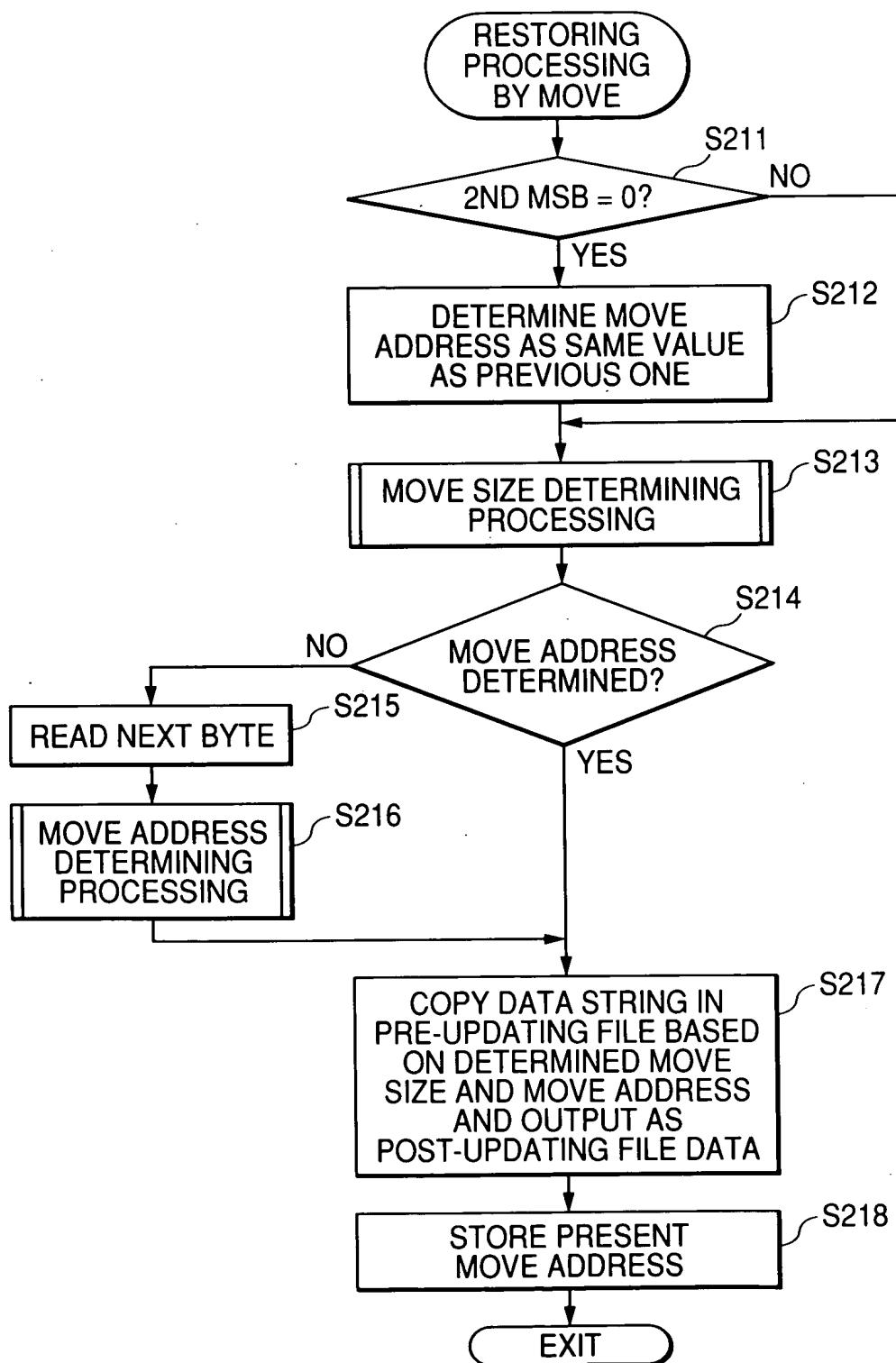


FIG. 22

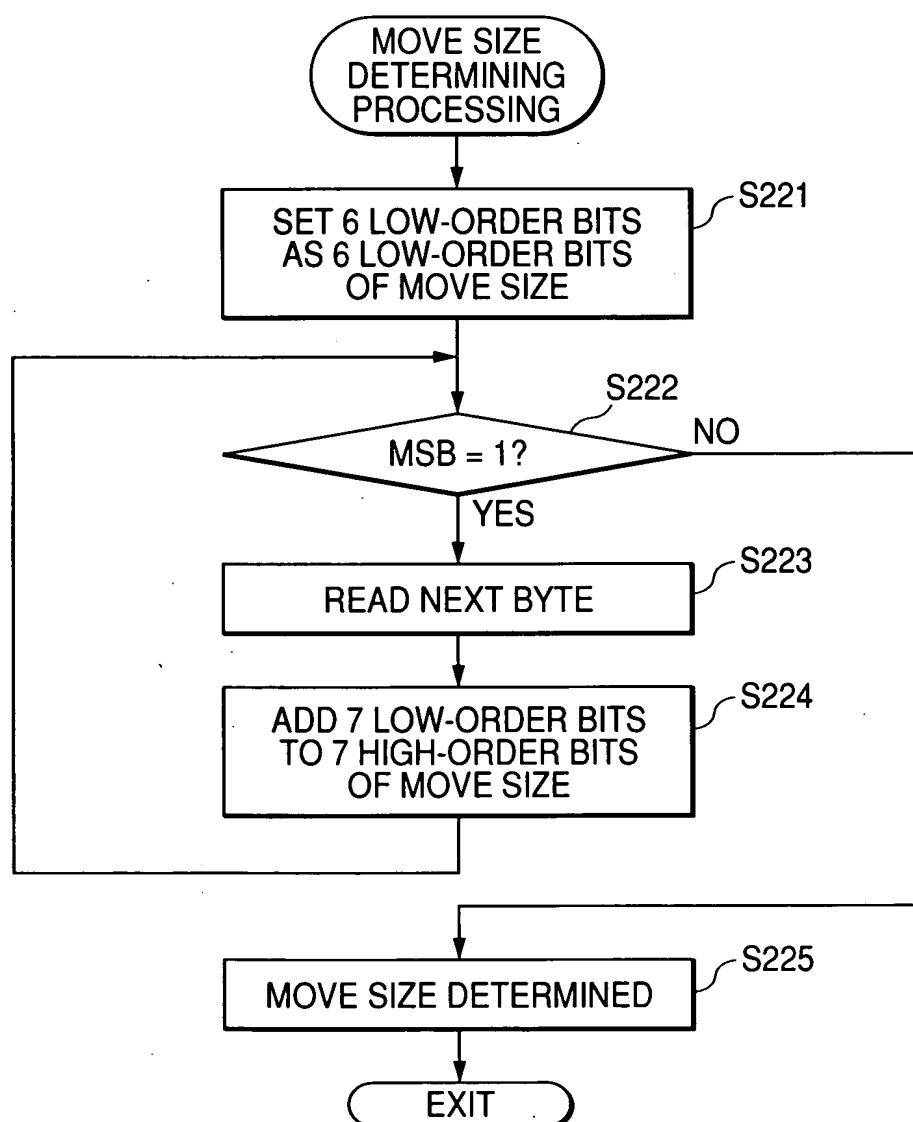
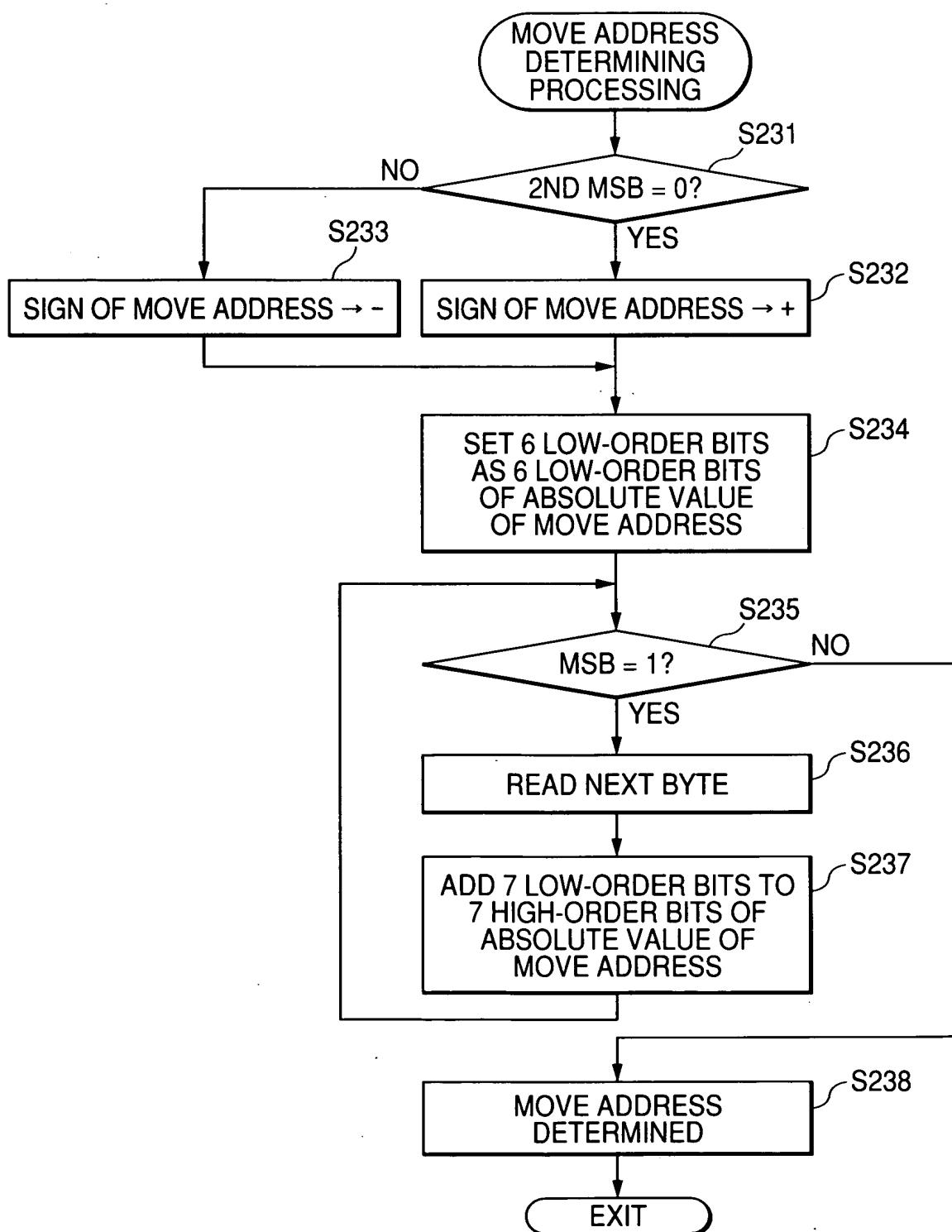


FIG. 23



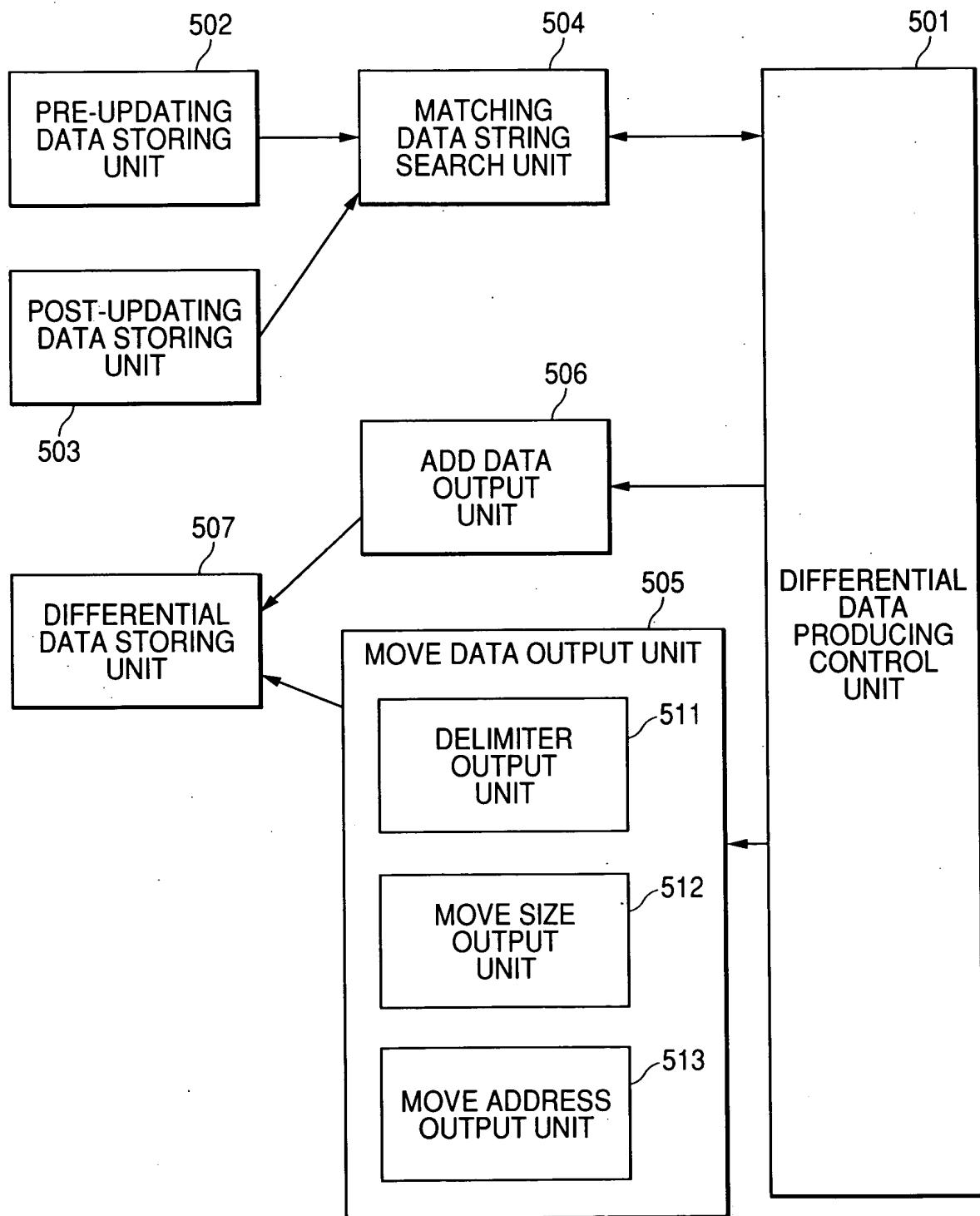
**FIG. 24**

FIG. 25

